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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	5853-364)
First Inventor	FANG et al.	E
Title	MULTI-LAYER DIFFERENTIAL PHASE SHIFT KEYING WITH BIT-INTERLEAVED CODED MODULATION AND OFDM	,
Express Mail Label No.	EV346749853US	J

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450					
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. Specification [Total Pages 20] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 15] 5. Oath or Declaration [Total Sheets 3] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76						
	17. Other: FEE \$468,00/Deposit Account					
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:						
Continuation Divisional Continua	tion-in-part (CIP) of prior application No.:					
Prior application information: Examiner For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPONDENCE ADDRESS						
Customer Number: OR Correspondence address below						
Name 30448						
Address						
City	State Zip Code					
Country Te	elephone Fax					
Name (Print/Type) Pablo Meles, Esquire	Registration No. (Attorney/Agent) 33,739					
Signature Paul Philip	Date November 25, 2003					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

✓ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	468	.00

Complete if Known			
Application Number			
Filing Date	November 25, 2003		
First Named Inventor	FANG et al.		
Examiner Name			
Art Unit			
Attorney Docket No.	5853-364		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES				
Deposit Account:	Large E	ntity	Small	Entity	•	
Denosit			Fee Code	Fee (\$)	Fee Description	Fee Paid
Account 50-0951		130	2051		Surcharge - late filing fee or oath	ree Palu
Number Deposit ALCEDMANN CENTERSITE	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name					cover sheet	
The Director is authorized to: (check all that apply)		130	1053		Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812 2	· i	1812	_,	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee	1805 1	,840*	1805	1,840*	Requesting publication of SIR after	
to the above-identified deposit account.					Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Fee Paid	1253	950	2253		Extension for reply within third month	
Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254 1	,480	2254		Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee 385.00	1255 2	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1	,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453 1	,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1	,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 18 -20** = 0 X 0 = 00	1503	640	2503	320	Plant issue fee	
Claims 4 - 3** = 1	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent = 43	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806		Submission of Information Disclosure Stmt	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$)	8021	40	8021	I 40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1910	770	2010	205	(37 CFR 1.129(a))	
	1810	770	2810	ა ანნ	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 43.00		Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Reduc	ed by	Basic I	Filing F	Gee Paid SUBTOTAL (3) (\$) 40.00) <u> </u>

SUBMITTED BY				(Complete (if applicable))		
Name (Print/Type)	Pablo Meles, Esquire	Registration No. (Altomey/Agent) 33,739	Telephor	ne 561-653-5000		
Signature	Pall	Theo	Date	November 25, 2003		

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